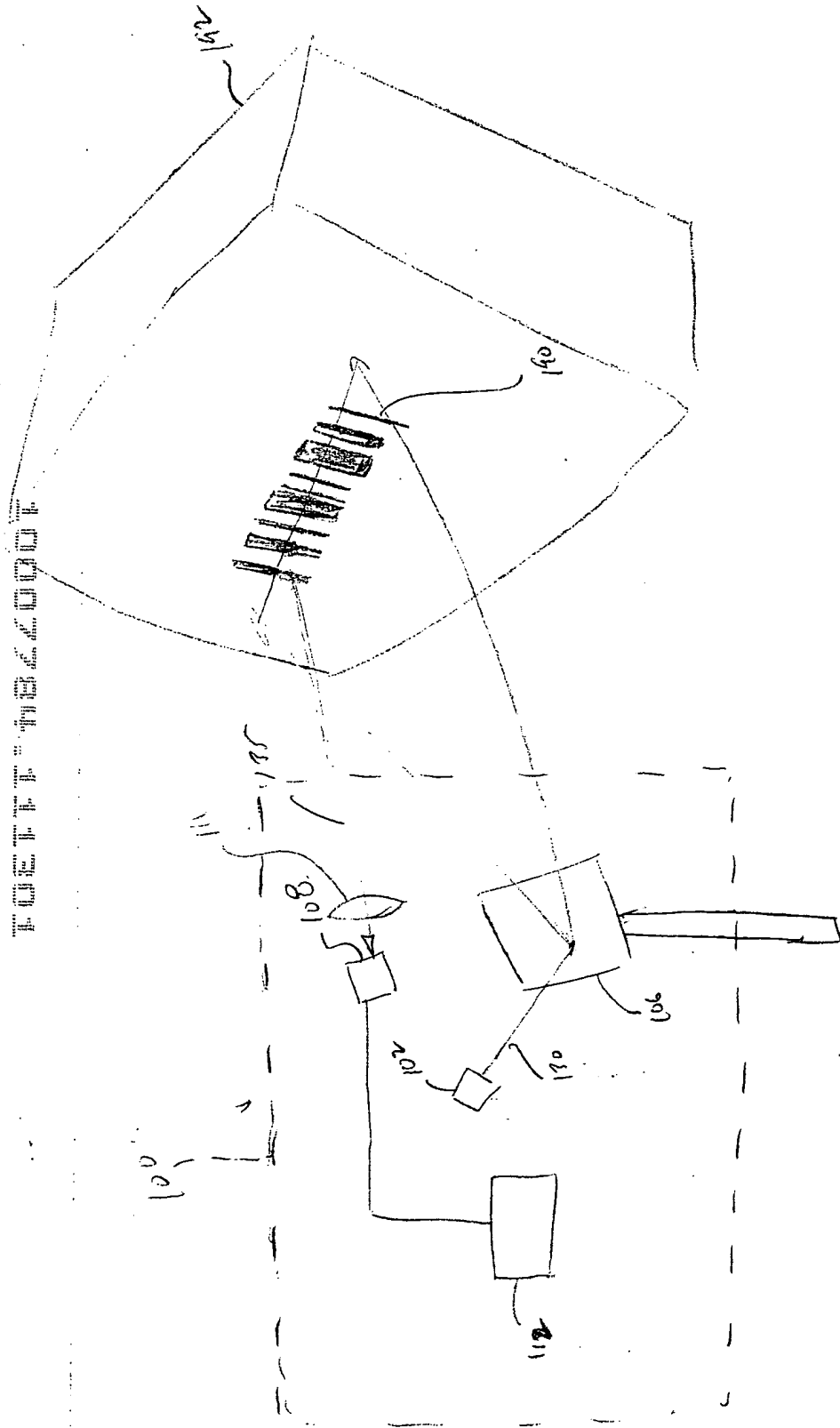
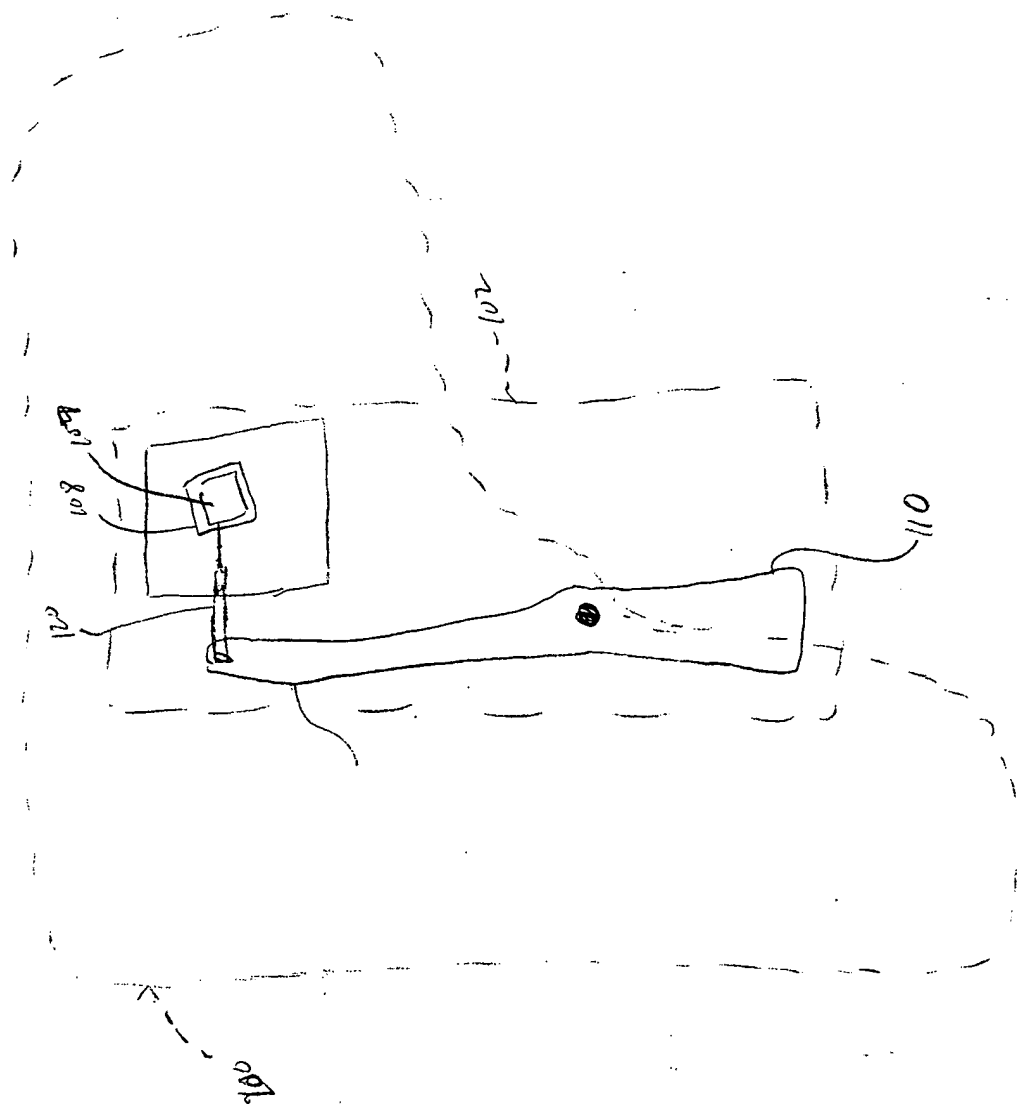


503
504



154

FIG. 1



F/62

FIG. 3

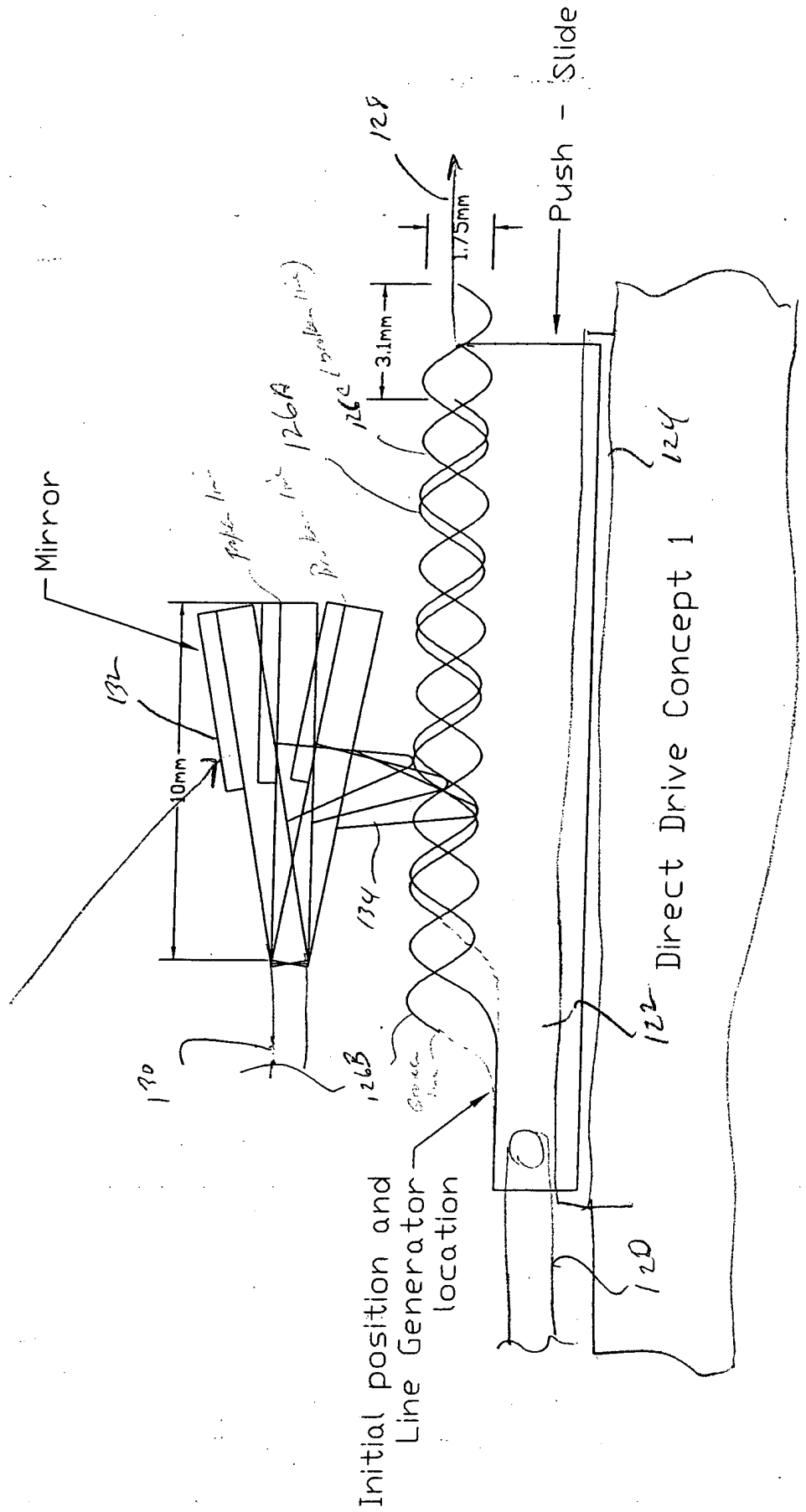
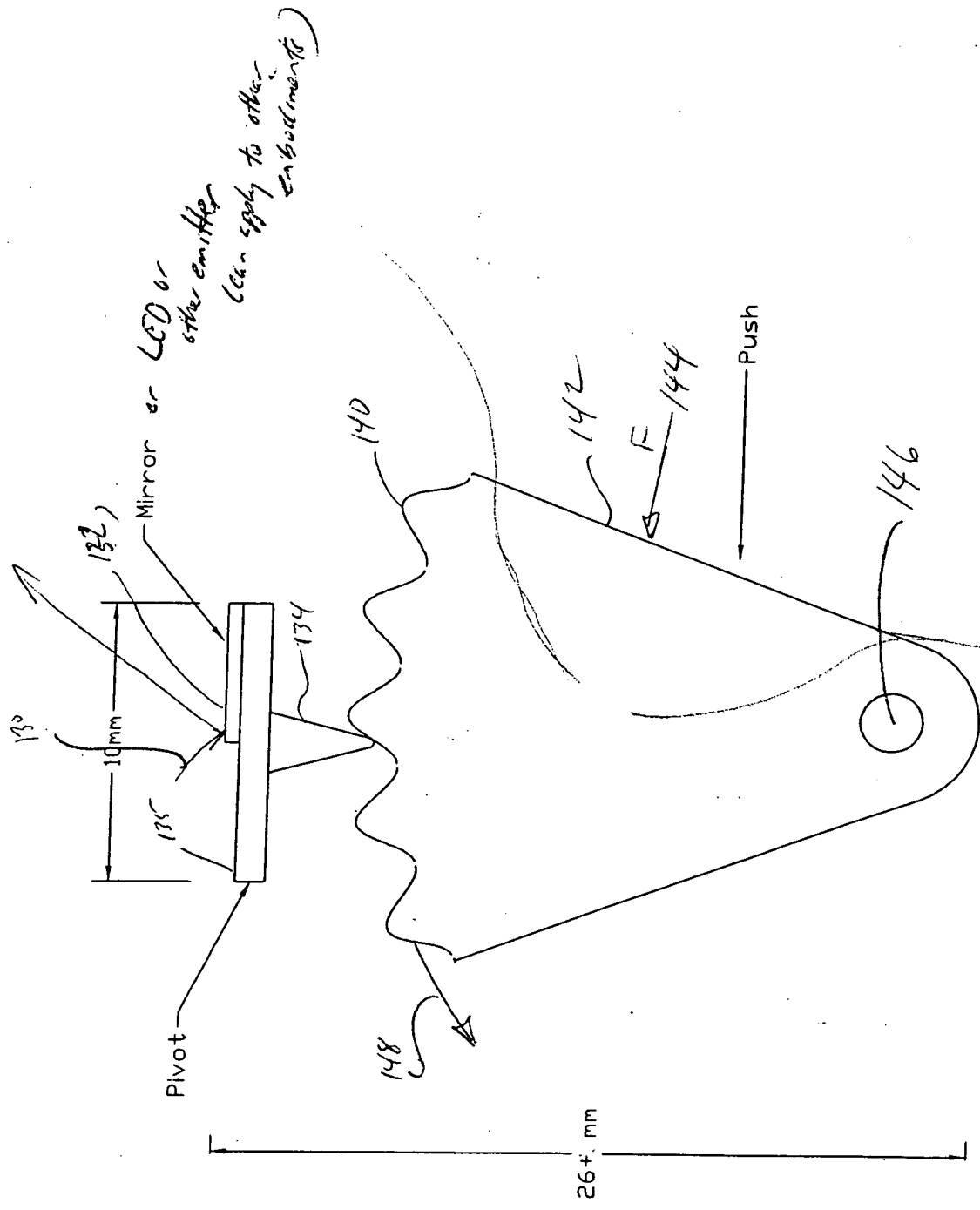
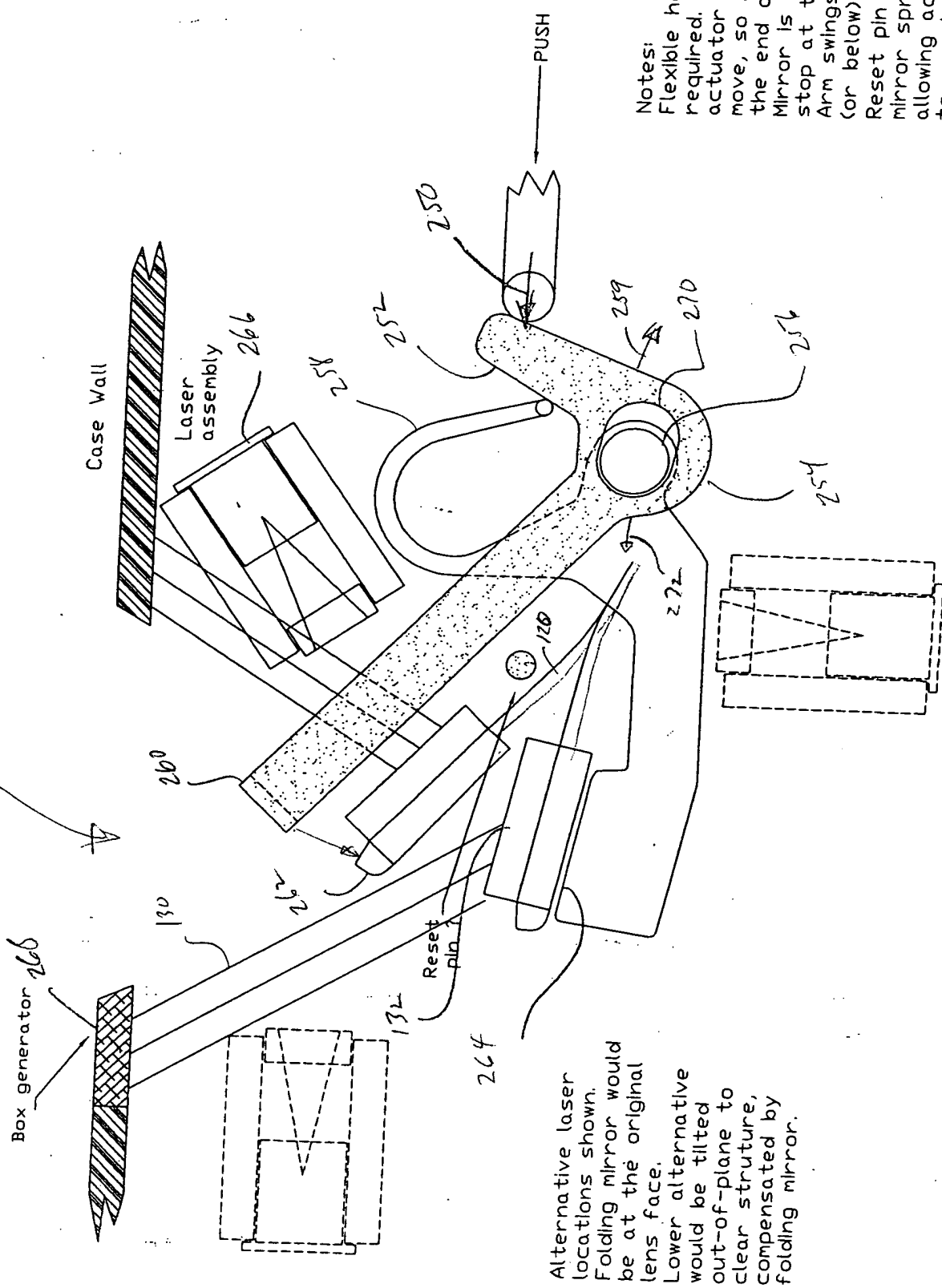


FIG. 14



Direct Drive Concept 2

24 DEPT/63000T

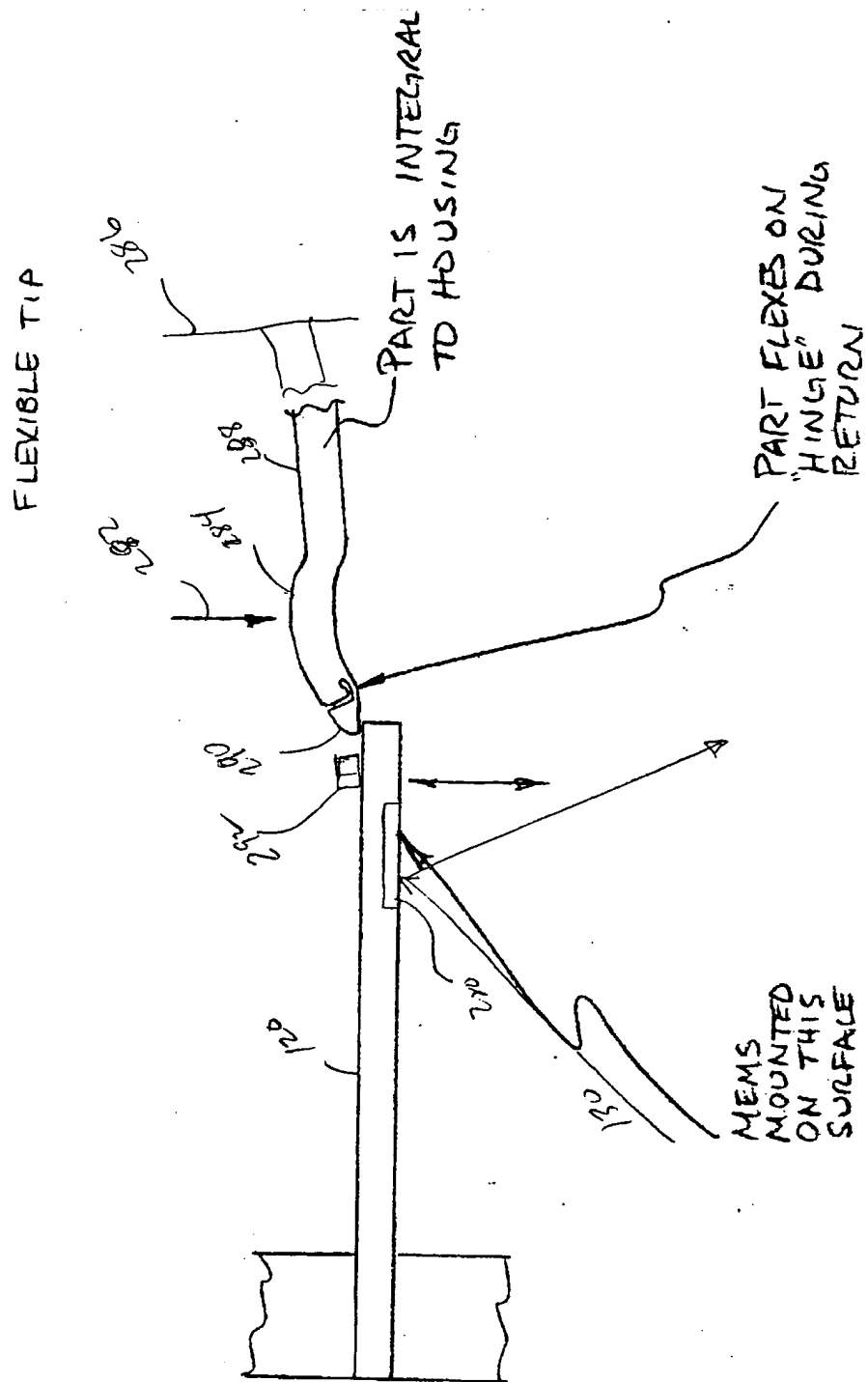


Notes:
Flexible hook not required. Cam causes actuator arm axis to move, so hook clears the end of mirror. Mirror is against stop at that point. Arm swings above (or below) mirror. Reset pin causes mirror spring to bend, allowing actuator arm to reset.

Alternative laser locations shown.
Folding mirror would be at the original lens face.
Lower alternative would be tilted out-of-plane to clear struture, compensated by folding mirror.

Concept for Another Simplified Oscillating Whiskey

FIG 6



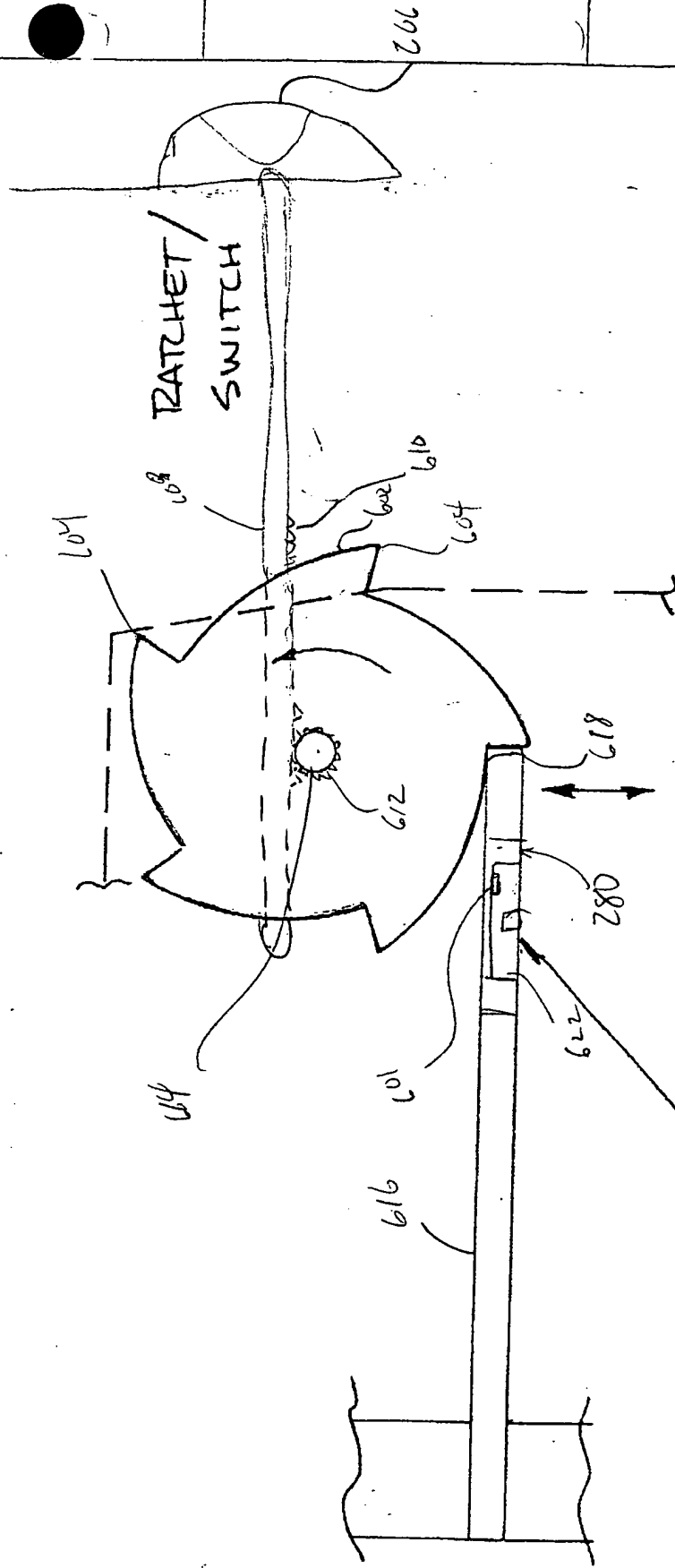
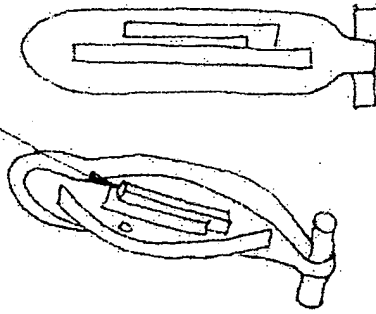
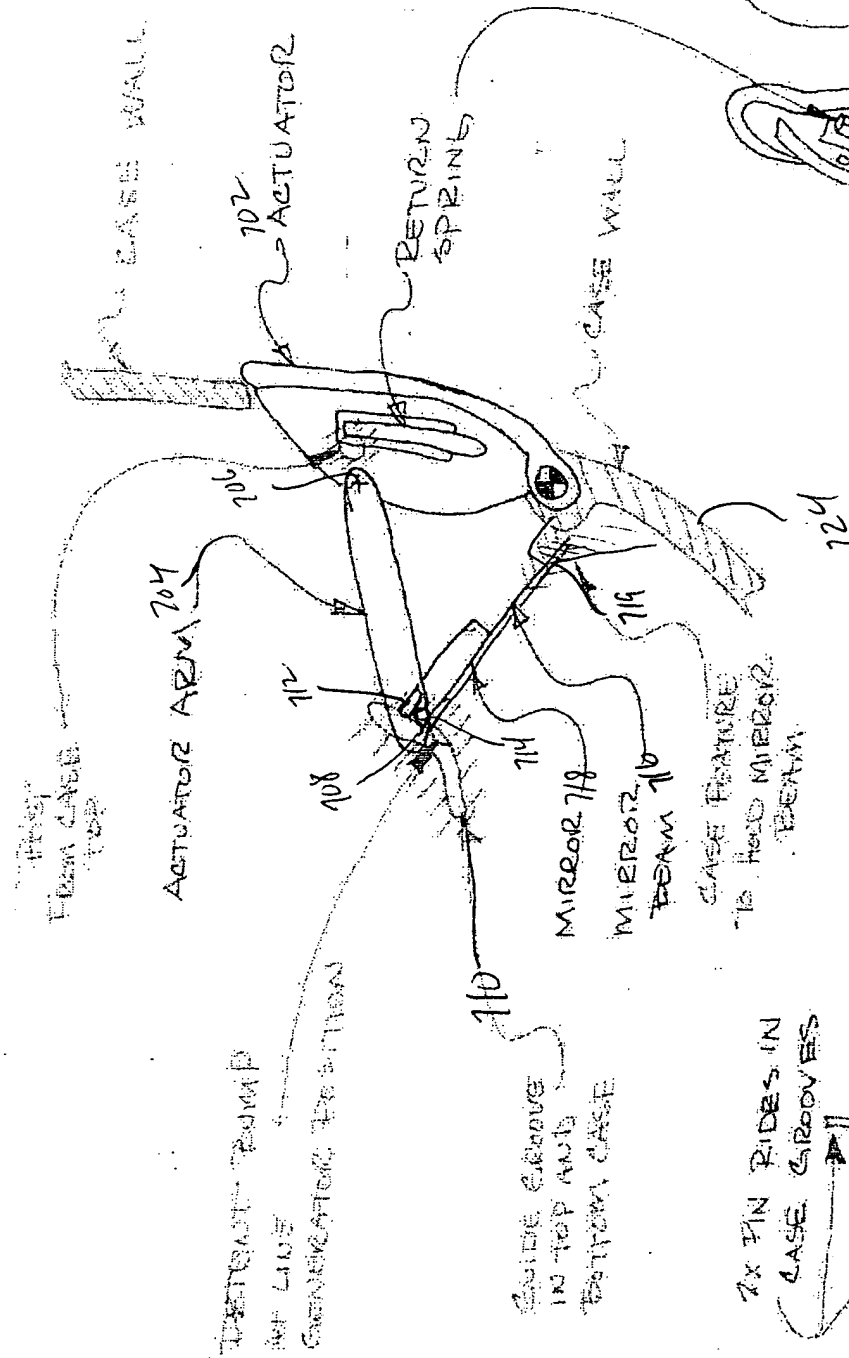
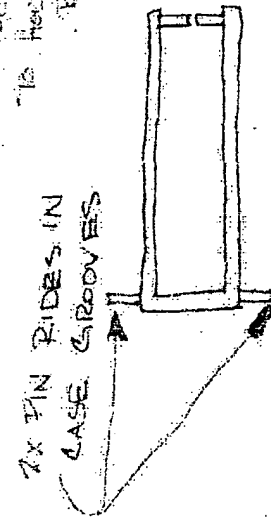


FIG. 7

FIG. 1

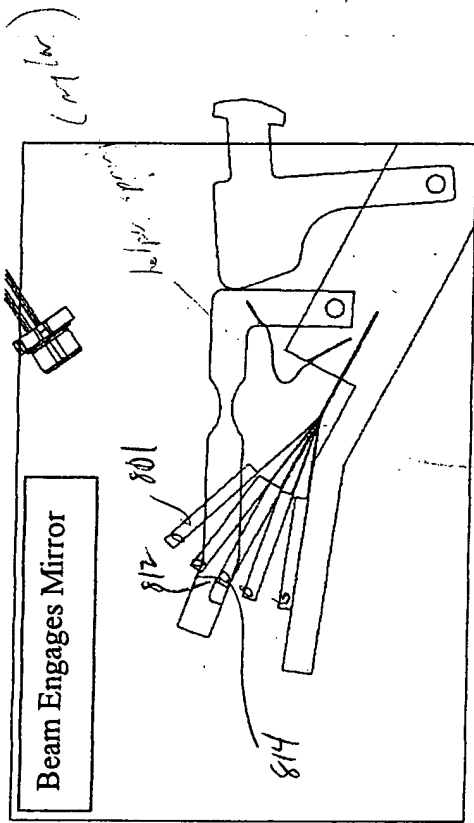


ACTUATOR
DETAIL 1



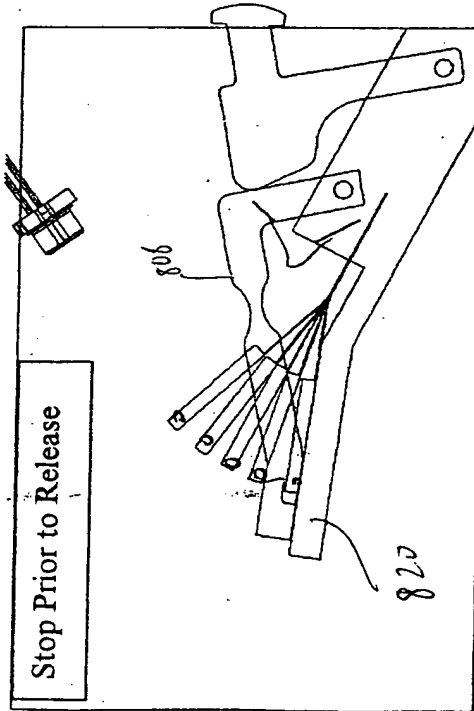
ACTUATOR ARM
DETAIL 2

FIG. 8

[illegible]

5

913 1110 1110



90



and no medication (1957)

第102頁



650-552-9396

FIG. 11

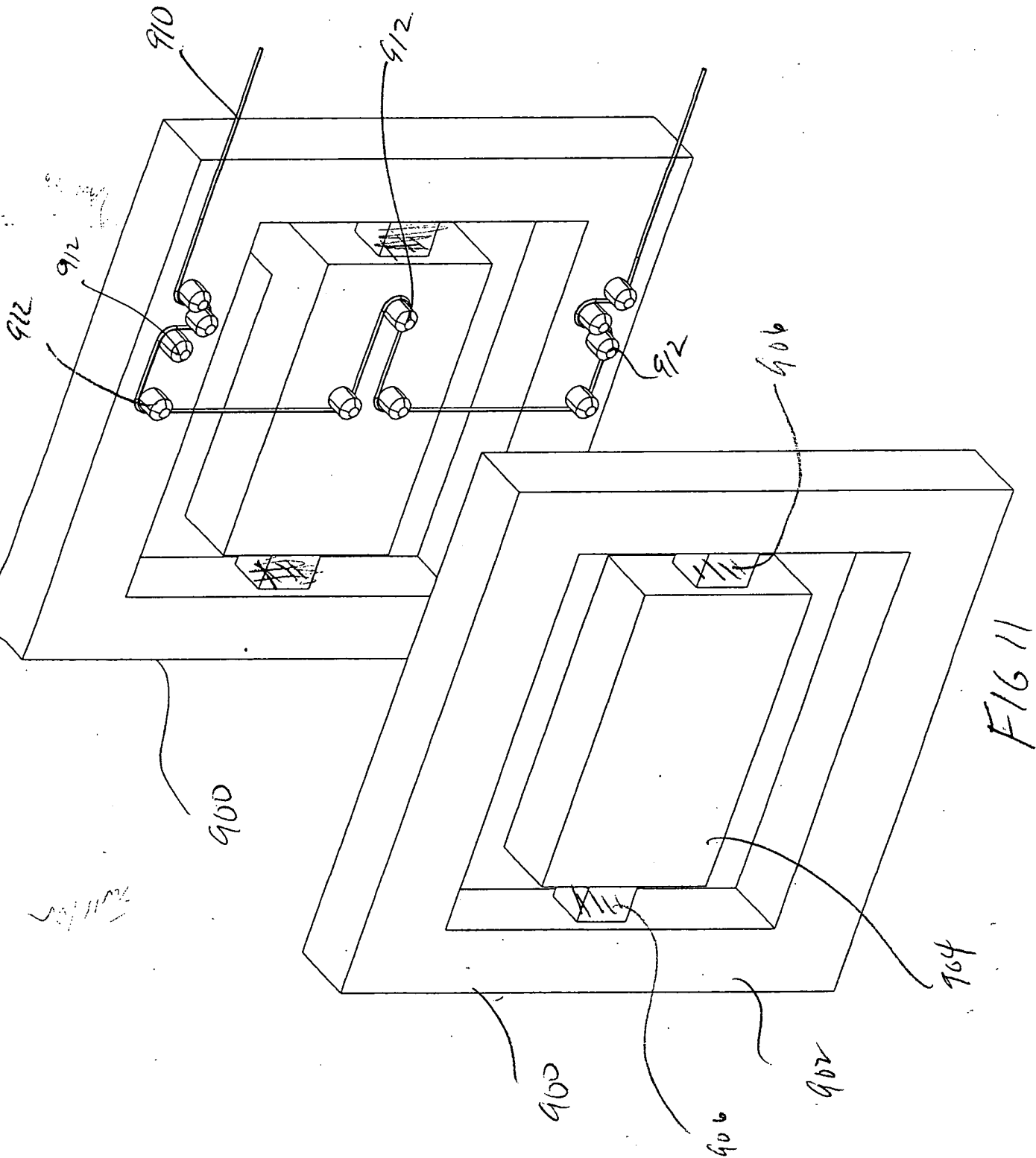
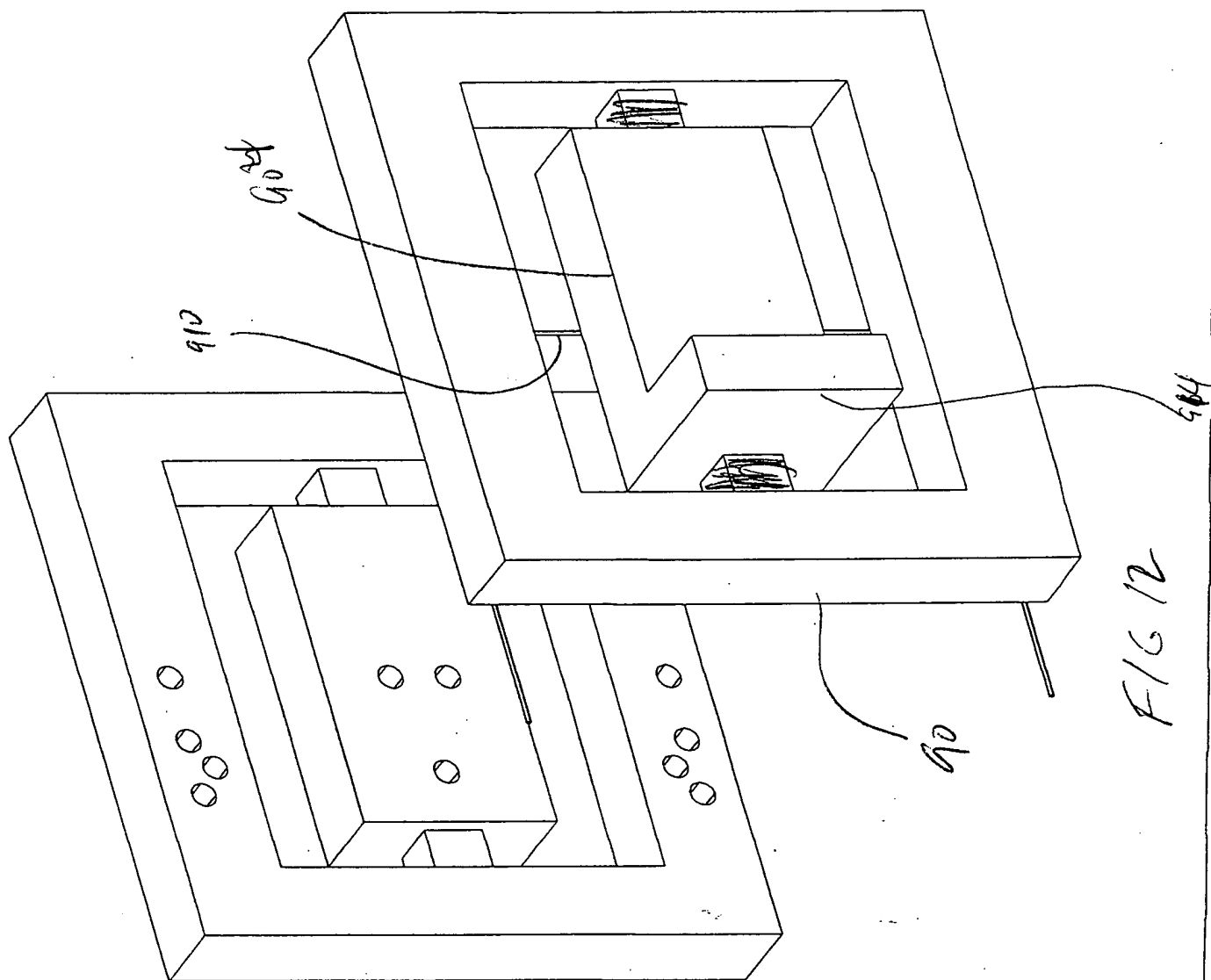


FIG. 11

FIG. 12



LEAD SCREW

1207

1210

1204

PUSH
BUTTON

LEAD
SCREW

RETURN
SPRING

TOP COVER

DRIVE
DISK

MIRROR
POLYGON

BEARING

BOTTOM
COVER

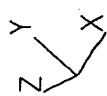
1212

1204

1208

1206

F/G 13



LEAD SCREW

FIG. 14

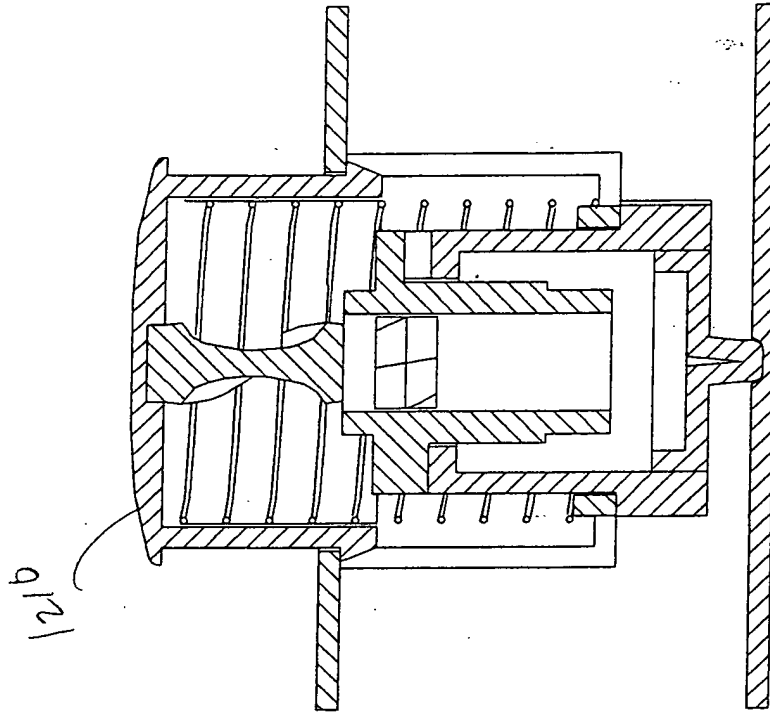
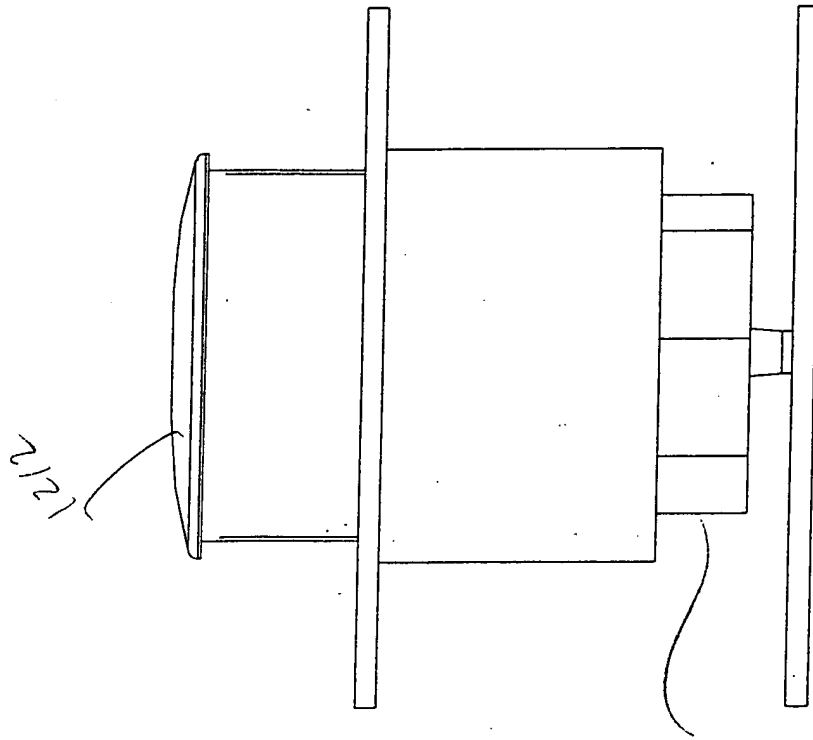
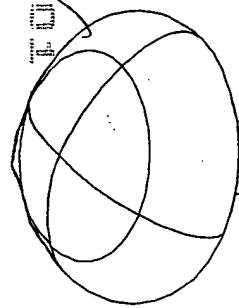


FIG. 14

LEAD SCREW

FIG. 15

1502



GEAR
RACK

1504

1512

1514

1506

PINION

1510

BEVEL
GEARS

ONE WAY
CLUTCH
BETWEEN
BEVEL +
POLYGON
(NOT SHOWN)

MULTI-FACET
MIRROR
POLYGON



GEAR DRIVE

FIG 15

A CONSTANT FORCE IS APPLIED TO THE ESCAPE WHEEL. THE ESCAPE WHEEL PROVIDES AN IMPULSE TO THE BALANCE THROUGH THE LEVER, CAUSING THE BALANCE/HAIRSPRING TO OSCILLATE. EACH OSCILLATION OF THE BALANCE CAUSES THE LEVER TO ROTATE, WHICH IN TURN ALLOWS A SINGLE TOOTH OF THE ESCAPE WHEEL TO RELEASE.

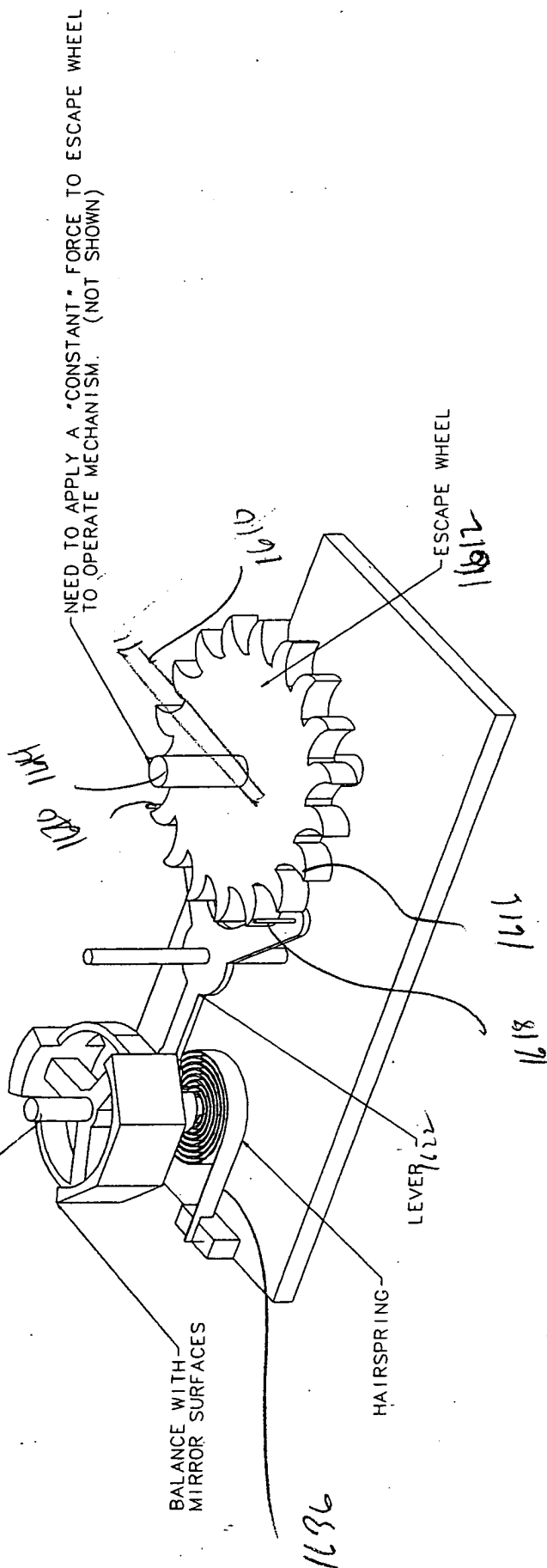
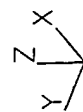
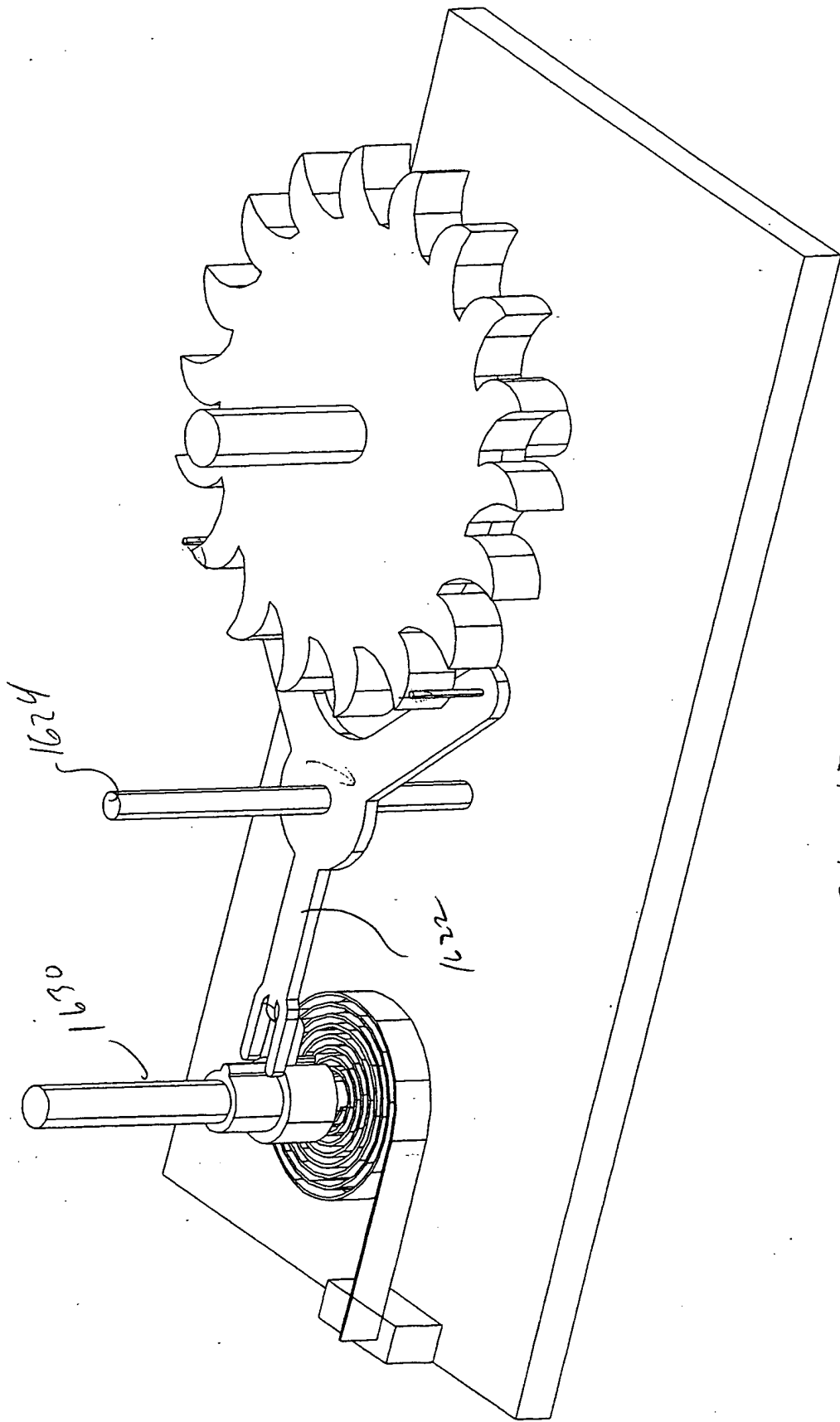


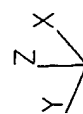
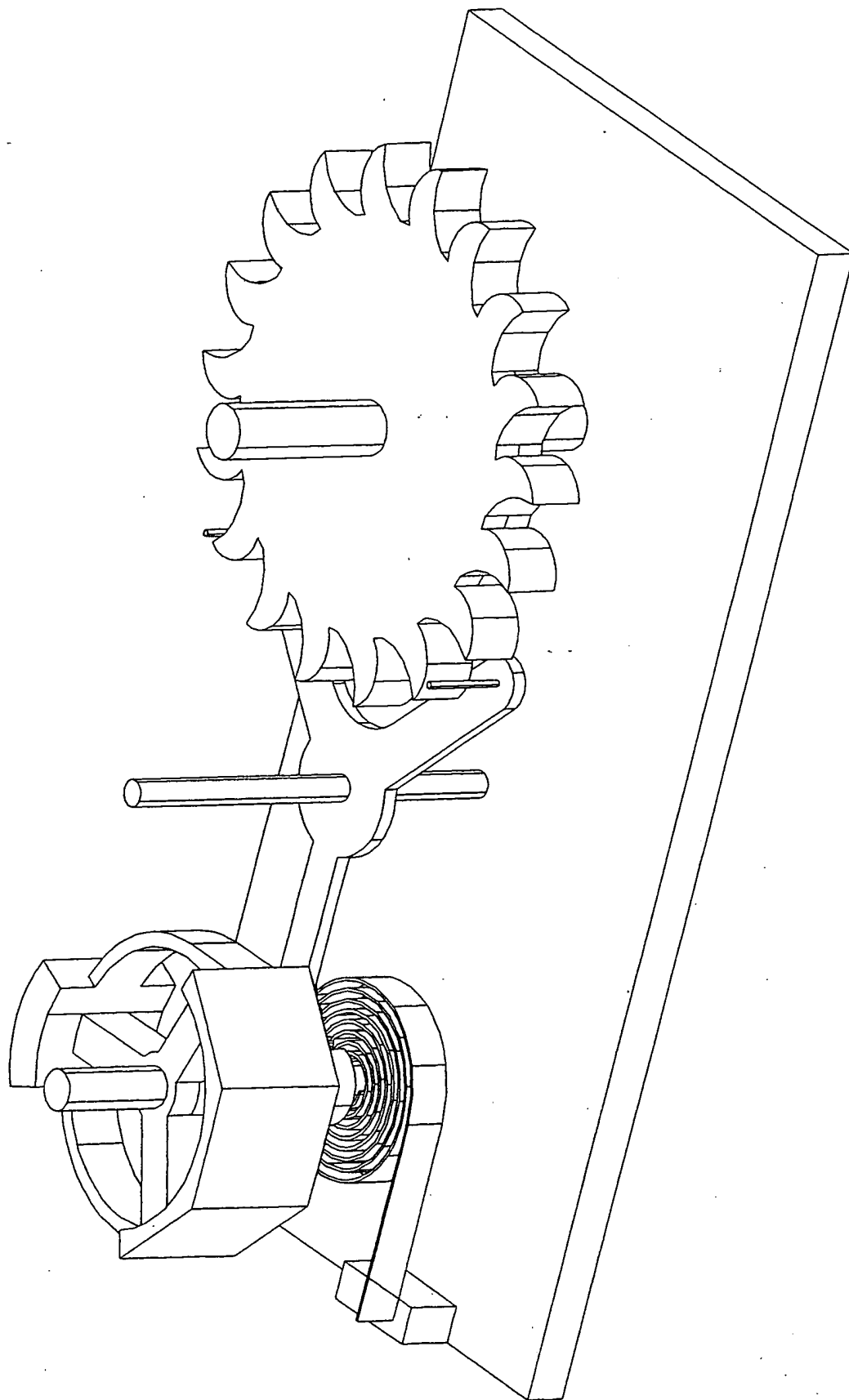
FIG 16

FIG. 16



F1617

FIG. 1



8161F

FIG. 21

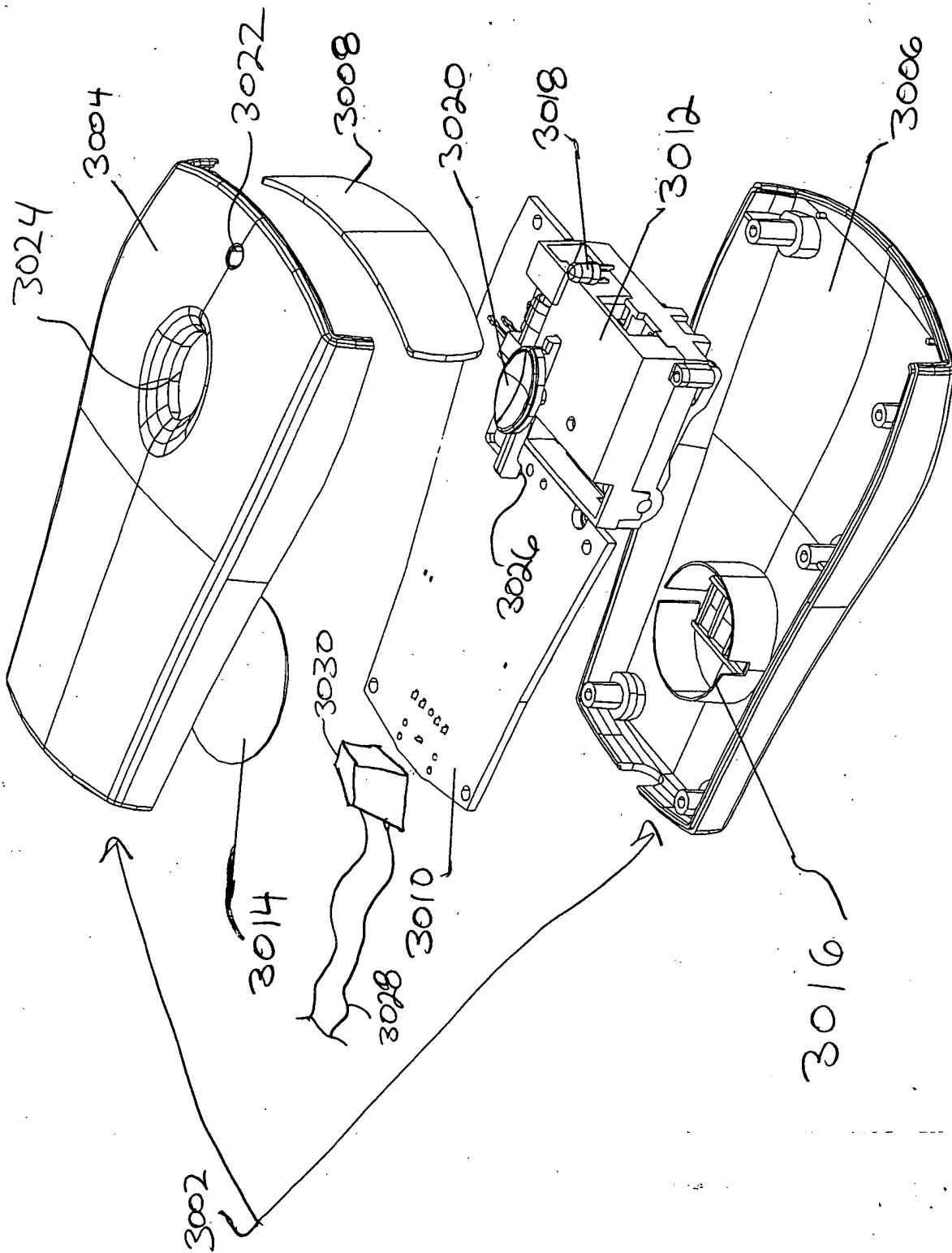


FIG. 21

FIG. 22

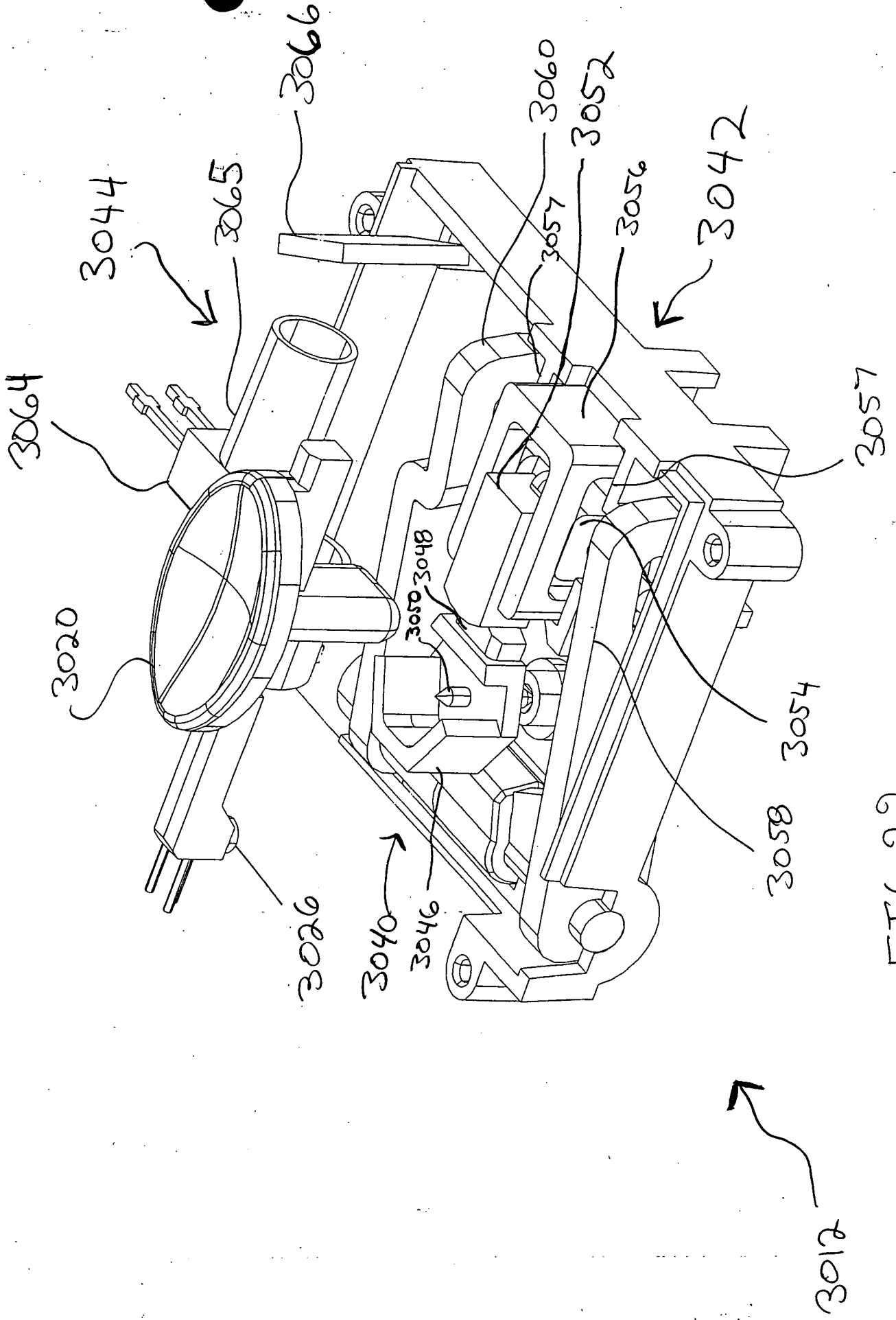


FIG. 22

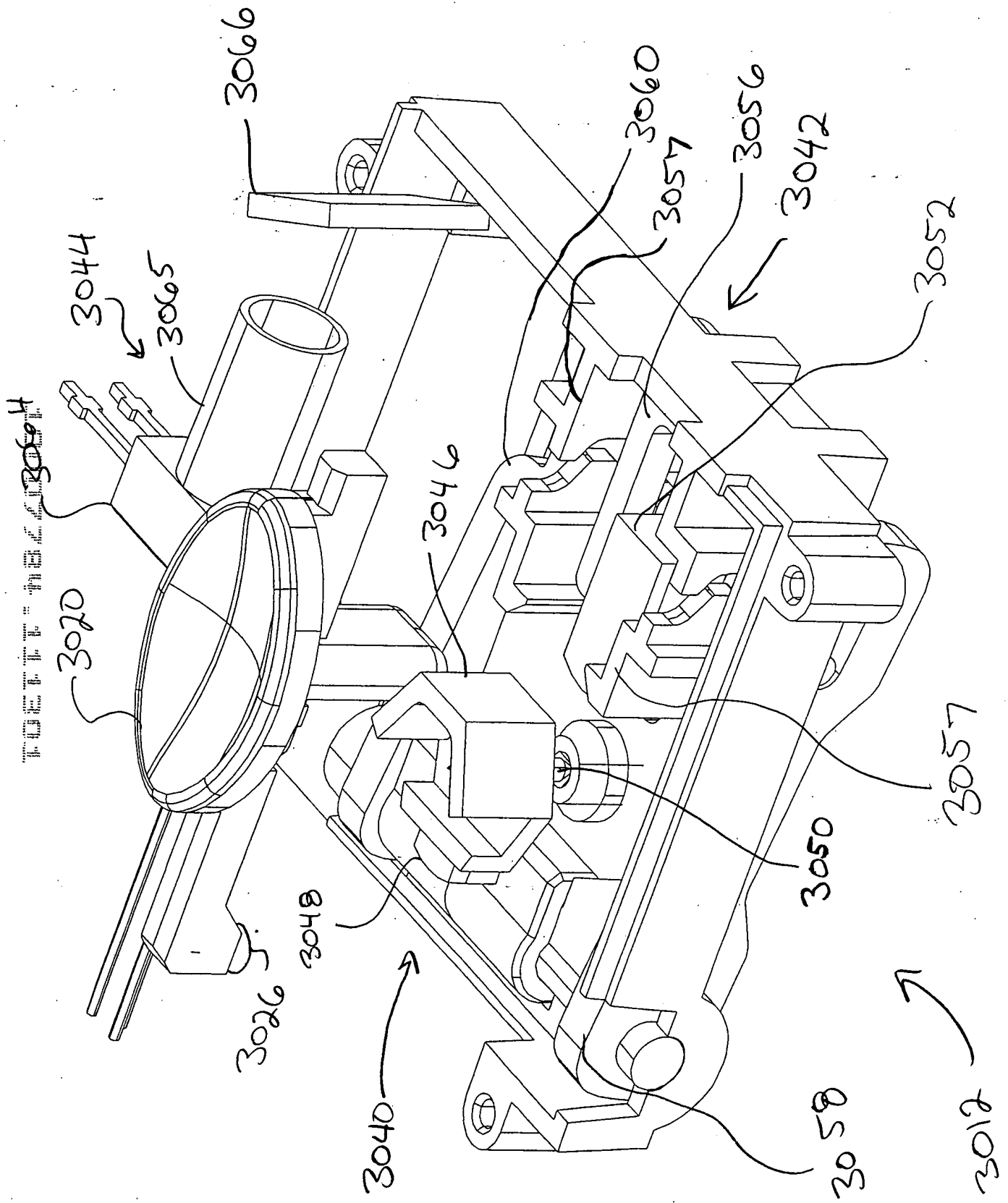


FIG. 23

FFG. 243057

TOP VIEW

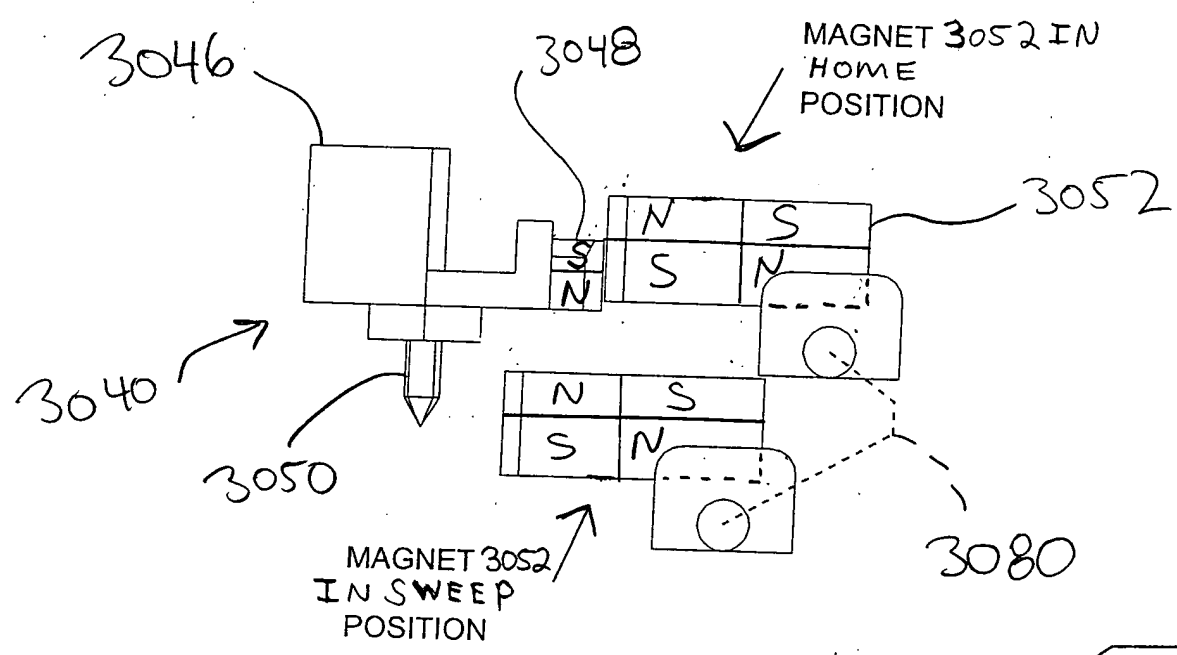


FIG. 25A

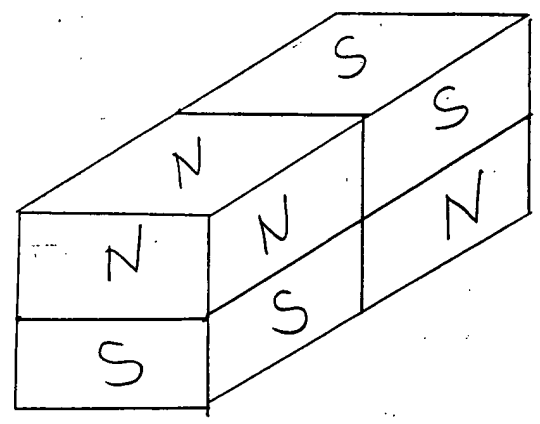


FIG. 25B

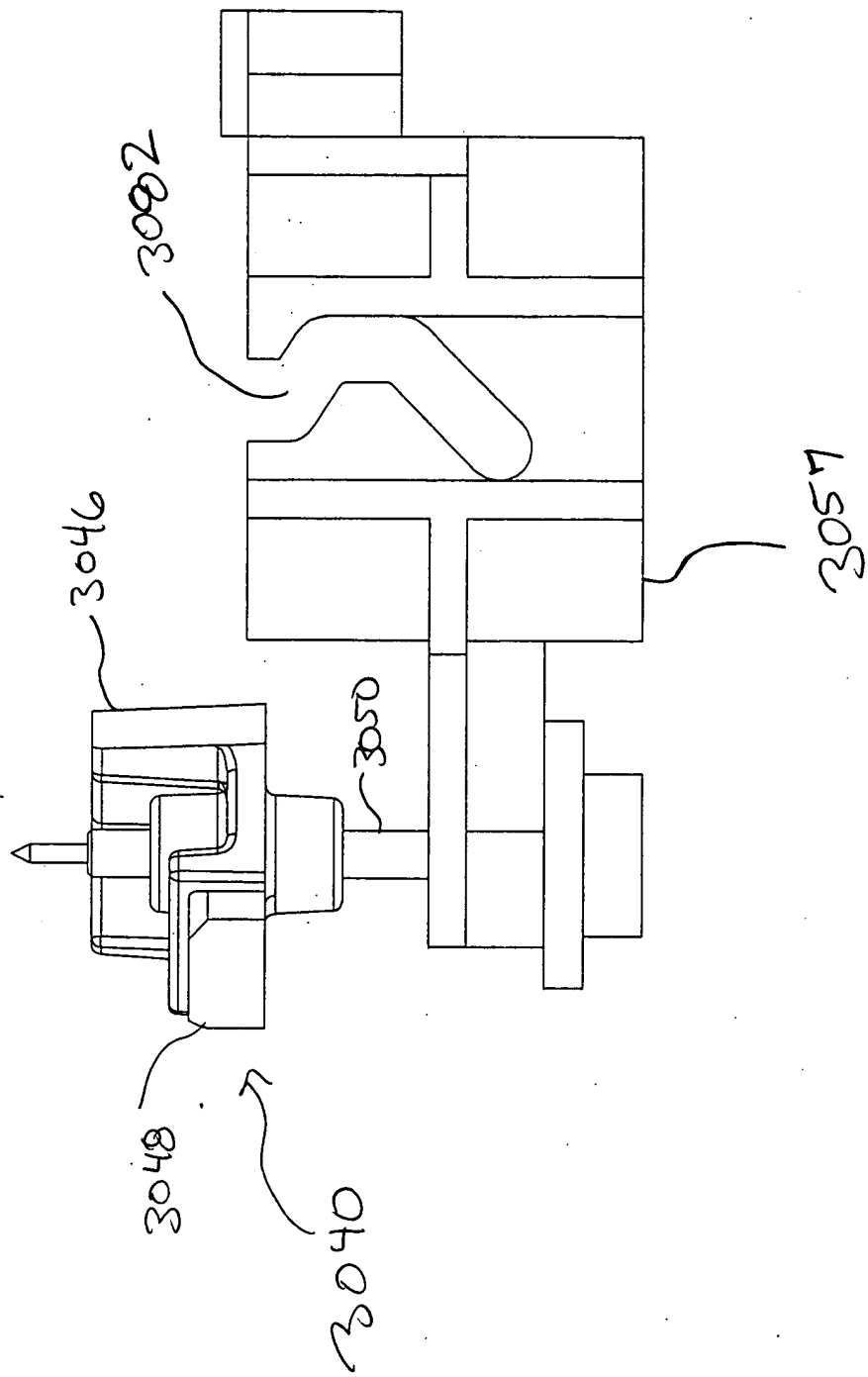


FIG. 26

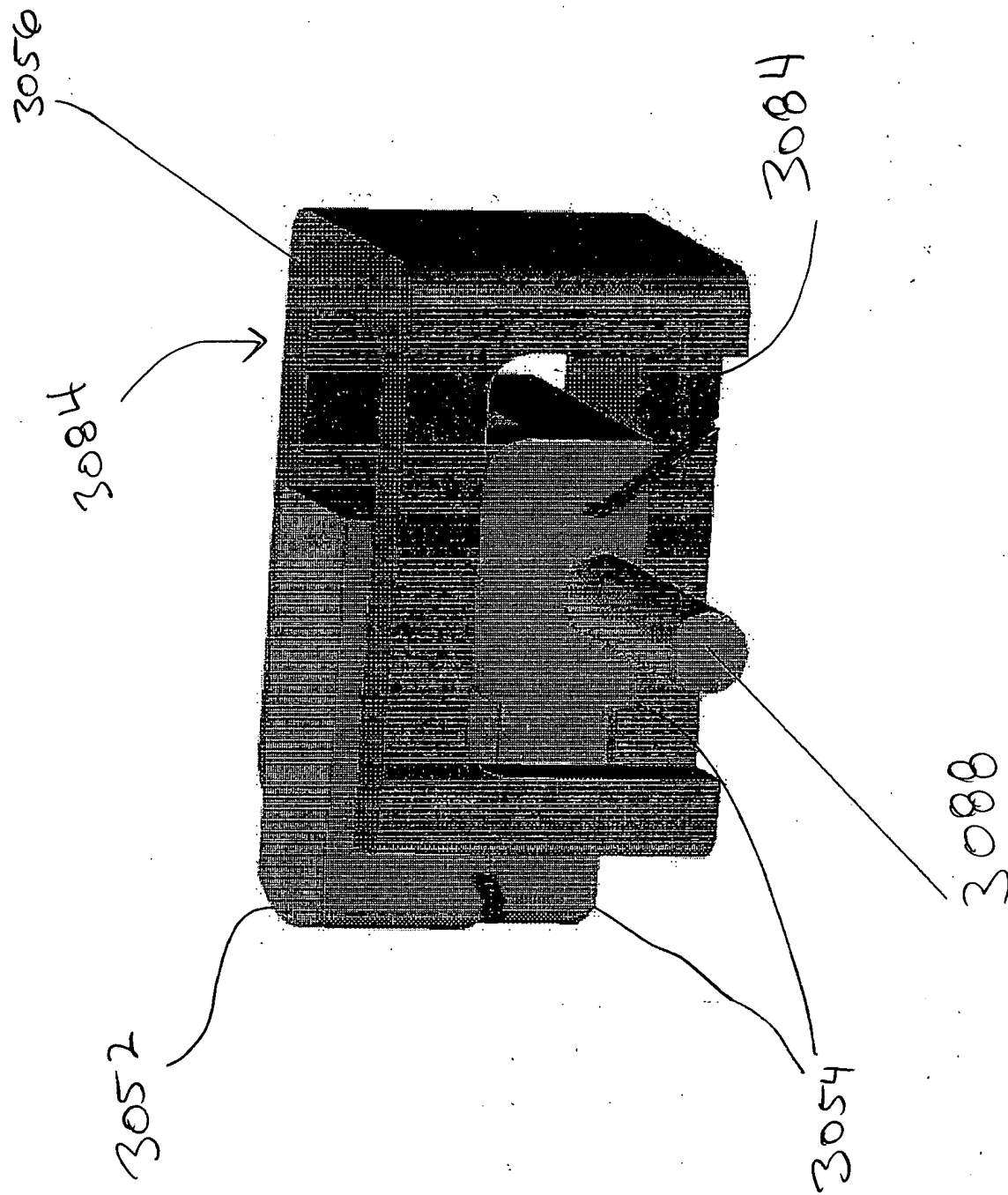


FIG. 27

FIG. 28

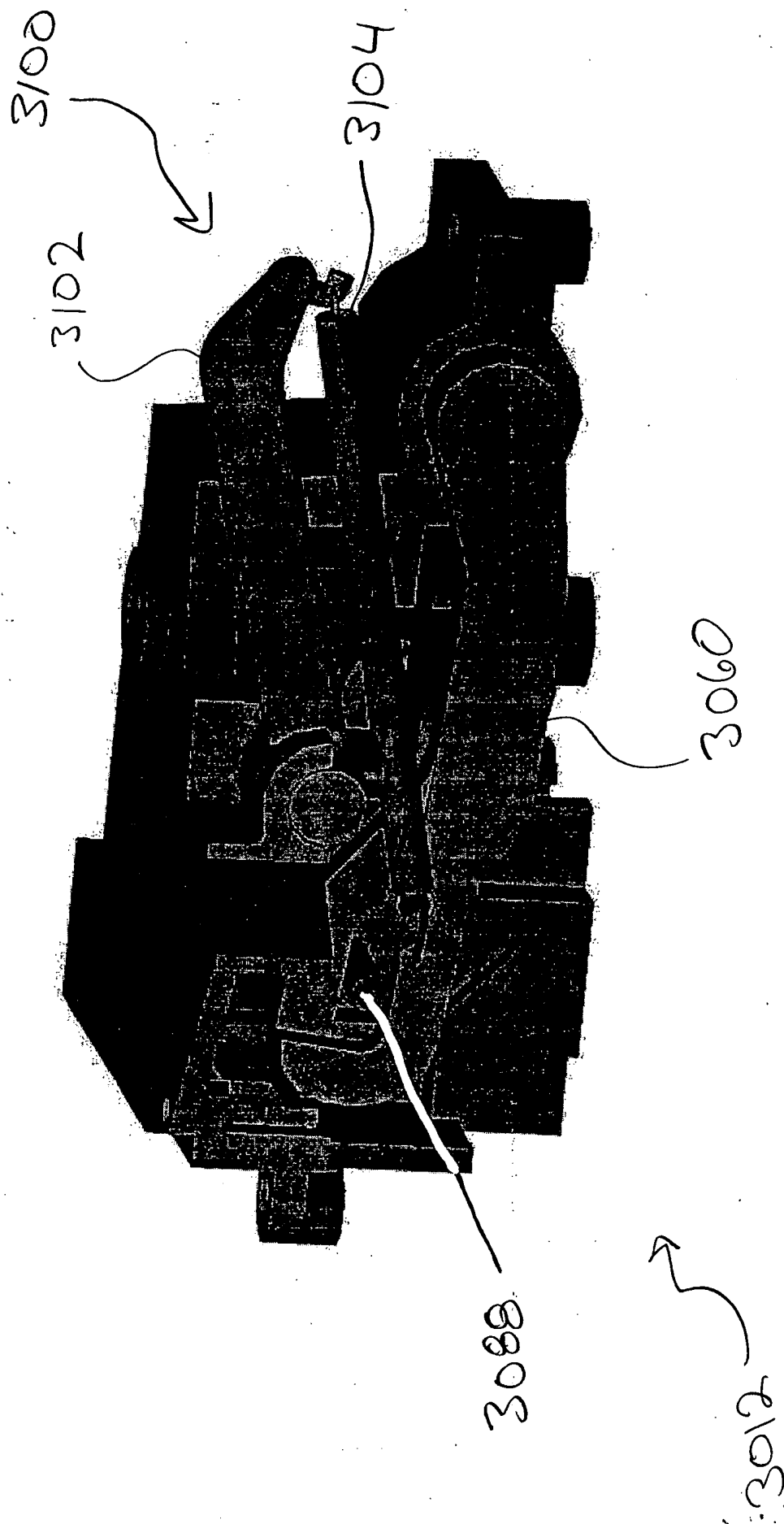


FIG. 28

FIG. 29

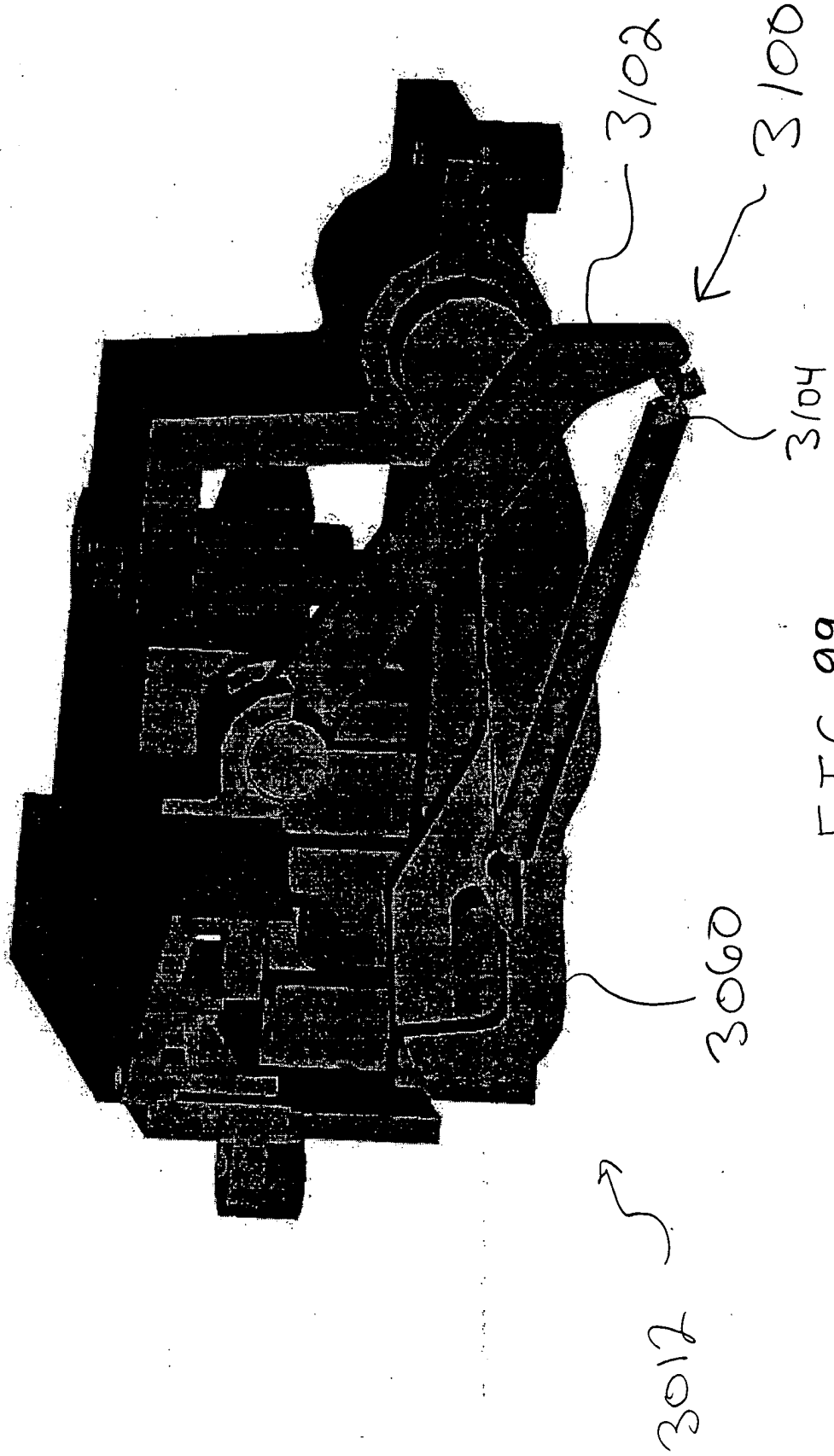


FIG. 29